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Dated: March 7, 2006

Signature:

(Maureen Divito)

Docket No.: 0114096.00121US2 (ZI-47)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Henry A. HILL

Application No.: 10/765368

Confirmation No.: 1581

Filed: January 27, 2004

Art Unit: 2877

For: APPARATUS AND METHOD FOR JOINT  
MEASUREMENTS OF CONJUGATED  
QUADRATURES OF FIELDS OF  
REFLECTED/SCATTERED AND  
TRANSMITTED BEAMS BY AN OBJECT IN  
INTERFEROMETRY

Examiner: P. J. Connolly

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### FIRST PRELIMINARY AMENDMENT

Dear Sir:

#### INTRODUCTORY COMMENTS

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.